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TERMINAL (ENTER 1, 2, 3, OR ?):2


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 NEWS  1          Web Page for STN Seminar Schedule - N. America
 NEWS  2  JAN 12  Match STN Content and Features to Your Information
                  Needs, Quickly and Conveniently
 NEWS  3  JAN 25  Annual Reload of MEDLINE database
 NEWS  4  FEB 16  STN Express Maintenance Release, Version 8.4.2, Is
                  Now Available for Download
 NEWS  5  FEB 16  Derwent World Patents Index (DWPI) Revises Indexing
                  of Author Abstracts
 NEWS  6  FEB 16  New FASTA Display Formats Added to USGENE and PCTGEN
 NEWS  7  FEB 16  INPADOCDB and INPAFAMDB Enriched with New Content
                  and Features
 NEWS  8  FEB 16  INSPEC Adding Its Own IPC codes and Author's E-mail
                  Addresses
 NEWS  9  APR 02  CAS Registry Number Crossover Limits Increased to
                  500,000 in Key STN Databases
 NEWS 10  APR 02  PATDPAFULL: Application and priority number formats
                  enhanced
 NEWS 11  APR 02  DWPI: New display format ALLSTR available
 NEWS 12  APR 02  New Thesaurus Added to Derwent Databases for Smooth
                  Sailing through U.S. Patent Codes
 NEWS 13  APR 02  EMBASE Adds Unique Records from MEDLINE, Expanding
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                  Available in CAplus
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 NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2,
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FILE 'HOME' ENTERED AT 15:24:24 ON 13 MAY 2010

=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       1.32       1.32

FILE 'REGISTRY' ENTERED AT 15:27:49 ON 13 MAY 2010
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STRUCTURE FILE UPDATES: 12 MAY 2010 HIGHEST RN 1222633-86-4
DICTIONARY FILE UPDATES: 12 MAY 2010 HIGHEST RN 1222633-86-4

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=>
Uploading C:\Program Files\STNEXP\Queries\10585553 str 1.str

L1 STRUCTURE UPLOADED

=> s l1 sss full
FULL SEARCH INITIATED 15:28:16 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 489 TO ITERATE

100.0% PROCESSED 489 ITERATIONS 24 ANSWERS
SEARCH TIME: 00.00.01

L2 24 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 191.54 192.86

FILE 'CAPLUS' ENTERED AT 15:28:21 ON 13 MAY 2010
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FILE COVERS 1907 - 13 May 2010 VOL 152 ISS 20
FILE LAST UPDATED: 12 May 2010 (20100512/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2010

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2010

CAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2010.

CAS Information Use Policies apply and are available at:

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This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s l2
L3          84 L2

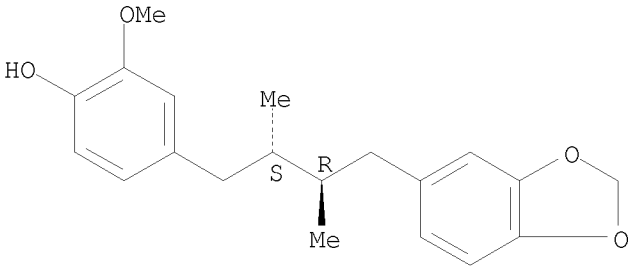
=> s l3 and antibacterial
        127633 ANTIBACTERIAL
          4133 ANTIBACTERIALS
        128838 ANTIBACTERIAL
                  (ANTIBACTERIAL OR ANTIBACTERIALS)
L4           5 L3 AND ANTIBACTERIAL

=> d l4 1-4 ibib ab hitstr

L4   ANSWER 1 OF 5  CAPLUS  COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER:        2008:477075  CAPLUS
DOCUMENT NUMBER:         149:99230
TITLE:                   In vitro anti-biofilm activity of macelignan isolated
                         from Myristica fragrans Houtt. against oral primary
                         colonizer bacteria
AUTHOR(S):               Yanti; Rukayadi, Yaya; Kim, Kyu-Hoi; Hwang, Jae-Kwan
CORPORATE SOURCE:        Department of Biotechnology, Yonsei University, Seoul,
                         120-749, S. Korea
SOURCE:                  Phytotherapy Research (2008), 22(3), 308-312
                         CODEN: PHYREH; ISSN: 0951-418X
PUBLISHER:               John Wiley & Sons Ltd.
DOCUMENT TYPE:           Journal
LANGUAGE:                English
AB   In early dental plaque formation, oral primary colonizers such as
     Streptococcus mutatis, Streptococcus sanguis and Actinomyces viscosus are
     initially attached to the pellicle-coated tooth surface to form a biofilm.
     The study aimed to determine the efficacy of macelignan, isolated from nutmeg
     (Myristica fragrans Houtt.), in removing each single oral primary biofilm
     in vitro on a polystyrene 96-well microtiter plate.  Four biofilm growth
     phases (4, 12, 20 and 24 h) were evaluated in this study after treatment
     with macelignan at various concns. (0.2, 2 and 10 μg/mL) and exposure
     times (5, 10 and 30 min).  Anti-biofilm activity of macelignan was
     measured as the percentage of the remaining biofilm absorbance after
     macelignan treatment in comparison with the untreated control.  At 24 h of
     biofilm growth, S. mutatis, A. viscosus and S. sanguis biofilms were
     reduced by up to 30%, 30% and 38%, resp., after treatment with 10 μg/mL
     macelignan for 5 min.  Increasing the treatment time to 30 min resulted in
     a reduction of more than 50% of each of the single primary biofilms.  The
     results indicate that macelignan is a potent natural anti-biofilm agent
     against oral primary colonizers.
IT   107534-93-0, Macelignan
     RL: BSU (Biological study, unclassified); NPO (Natural product
     occurrence); BIOL (Biological study); OCCU (Occurrence)
        (in vitro anti-biofilm activity of macelignan isolated from Myristica
        fragrans against oral primary colonizer bacteria)
RN   107534-93-0  CAPLUS
```

CN Phenol, 4-[(2S,3R)-4-(1,3-benzodioxol-5-yl)-2,3-dimethylbutyl]-2-methoxy- (CA INDEX NAME)

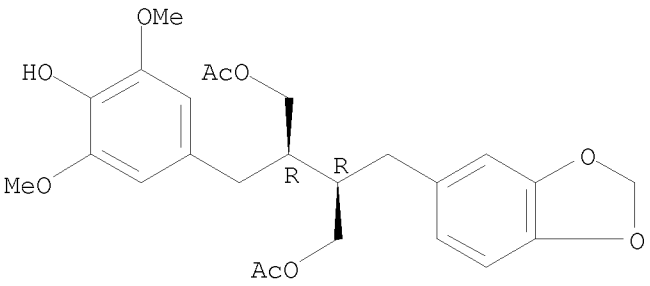
Absolute stereochemistry. Rotation (+).



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2008:149861 CAPLUS
DOCUMENT NUMBER: 148:466894
TITLE: Antibacterial lignans and triterpenoids from Rostellularia procumbens
AUTHOR(S): Zhang, Yongli; Bao, Fukai; Hu, Juanjuan; Liang, Shengwang; Zhang, Yu; Du, Guanhua; Zhang, Caijun; Cheng, Yongxian
CORPORATE SOURCE: State Key Laboratory of Phytochemistry and Plant Resources in West China, Kunming Institute of Botany, Chinese Academy of Sciences, Kunming, Peop. Rep. China
SOURCE: Planta Medica (2007), 73(15), 1596-1599
CODEN: PLMEAA; ISSN: 0032-0943
PUBLISHER: Georg Thieme Verlag
DOCUMENT TYPE: Journal
LANGUAGE: English
AB One new lignan, rostellulin A (1), four known lignans, justin B (2), justicidin C (3), cilinaphthalide A (4), and justicidin A (5), and four known triterpenoids, ursolic acid (6), euscaphic acid (7), 2α-hydroxyursolic acid (8), and tormentic acid (9), have been isolated from the whole plants of Rostellularia procumbens. Their structures were established on the basis of spectral data, including extensive NMR expts. To our knowledge, compds. 6-9 are known compds. but not previously isolated from R. procumbens; 4 was previously reported from other Rostellularia species. Antibacterial activities of 1-9 were evaluated against eight bacterial strains with the agar dilution method, and they were found to possess antimicrobial activity with MIC values in the range of 1.56-100 μg/mL. None of the lignans exhibited cytotoxic activity against HCT-8 and Bel-7402 cells at concns. up to 5 μg/mL.
IT 202655-27-4P, Justin B
RL: BSU (Biological study, unclassified); NPO (Natural product occurrence); PUR (Purification or recovery); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation)
(isolation and identification of antibacterial lignans and triterpenoids from Rostellularia procumbens)
RN 202655-27-4 CAPLUS
CN 1,4-Butanediol, 2-(1,3-benzodioxol-5-ylmethyl)-3-[(4-hydroxy-3,5-dimethoxyphenyl)methyl]-, 1,4-diacetate, (2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)
REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

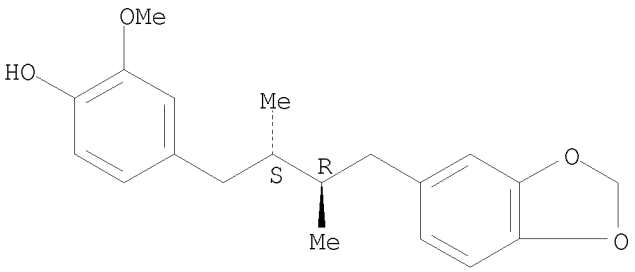
L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2006:398671 CAPLUS
DOCUMENT NUMBER: 146:4016
TITLE: Anticariogenic activity of macelignan isolated from Myristica fragrans (nutmeg) against Streptococcus mutans
AUTHOR(S): Chung, J. Y.; Choo, J. H.; Lee, M. H.; Hwang, J. K.
CORPORATE SOURCE: Department of Biomaterials Science and Engineering, Yonsei University, Seoul, S. Korea
SOURCE: Phytomedicine (2006), 13(4), 261-266
CODEN: PYTOEY; ISSN: 0944-7113
PUBLISHER: Elsevier GmbH
DOCUMENT TYPE: Journal
LANGUAGE: English

AB The occurrence of dental caries is mainly associated with oral pathogens, especially cariogenic Streptococcus mutans. Preliminary antibacterial screening revealed that the extract of Myristica fragrans, widely cultivated for the spice and flavor of foods, possessed strong inhibitory activity against S. mutans. The anticariogenic compound was successfully isolated from the methanol extract of M. fragrans by repeated silica gel chromatog., and its structure was identified as macelignan by instrumental anal. using 1D-NMR, 2D-NMR and EI-MS. The min. inhibitory concentration (MIC) of macelignan against S. mutans was 3.9 μg/mL, which was much lower than those of other natural anticariogenic agents such as 15.6 μg/mL of sanguinarine, 250 μg/mL of eucalyptol, 500 μg/mL of menthol and thymol, and 1000 μg/mL of Me salicylate. Macelignan also possessed preferential activity against other oral microorganisms such as Streptococcus sobrinus, Streptococcus salivarius, Streptococcus sanguis, Lactobacillus acidophilus and Lactobacillus casei in the MIC range of 2-31.3 μg/mL. In particular, the bactericidal test showed that macelignan, at a concentration of 20 μg/mL, completely inactivated S. mutans in 1 min. The specific activity and fast-effectiveness of macelignan against oral bacteria strongly suggest that it could be employed as a natural antibacterial agent in functional foods or oral care products.

IT 107534-93-0, Macelignan
RL: BSU (Biological study, unclassified); NPO (Natural product occurrence); THU (Therapeutic use); BIOL (Biological study); OCCU (Occurrence); USES (Uses)
(anticariogenic activity of macelignan isolated from Myristica fragrans (nutmeg) against Streptococcus mutans)
RN 107534-93-0 CAPLUS

CN Phenol, 4-[(2S,3R)-4-(1,3-benzodioxol-5-yl)-2,3-dimethylbutyl]-2-methoxy- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



OS.CITING REF COUNT: 19 THERE ARE 19 CAPLUS RECORDS THAT CITE THIS RECORD (19 CITINGS)
REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2005:696726 CAPLUS
DOCUMENT NUMBER: 143:159638
TITLE: Method and composition for treating acne using lignan compounds
INVENTOR(S): Hwang, Jae-Kwan; Chung, Jae-Youn; Chung, Hee-Chul; Park, Kyung-Min
PATENT ASSIGNEE(S): Newtree Industry Co., Ltd., S. Korea
SOURCE: PCT Int. Appl., 33 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005070402	A1	20050804	WO 2005-KR45	20050107
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
KR 2005073027	A	20050713	KR 2004-1207	20040108
JP 2007524666	T	20070830	JP 2006-549118	20050107
US 20090192217	A1	20090730	US 2006-585553	20060706
CN 101410100	A	20090415	CN 2005-80002069	20060707

PRIORITY APPLN. INFO.: KR 2004-1207 A 20040108
WO 2005-KR45 W 20050107
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 143:159638
AB The present invention relates to a method and composition for treating acne using lignan compds. represented by Formula 1. More particularly, the

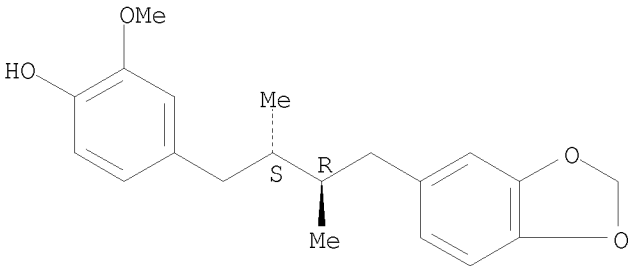
invention relates to an antibacterial composition against acne-causing bacteria, containing lignan compds., as well as a method for treating acne using the same. The lignan compds. of the invention are excellent not only in the antibacterial activity of inhibiting the growth of acne- causing bacteria, but also in thermal stability. Accordingly, the lignan compds. may be useful as antibacterial agents against the acne-causing bacteria, and acne treatment agents.

IT 107534-93-0, Macelignan
RL: COS (Cosmetic use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(treating acne using lignan compds.)

RN 107534-93-0 CAPLUS

CN Phenol, 4-[(2S,3R)-4-(1,3-benzodioxol-5-yl)-2,3-dimethylbutyl]-2-methoxy- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

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     (FILE 'HOME' ENTERED AT 15:24:24 ON 13 MAY 2010)

     FILE 'REGISTRY' ENTERED AT 15:27:49 ON 13 MAY 2010
L1              STRUCTURE UPLOADED
L2           24 S L1 SSS FULL

     FILE 'CAPLUS' ENTERED AT 15:28:21 ON 13 MAY 2010
L3           84 S L2
L4            5 S L3 AND ANTIBACTERIAL

=> s l3 and acne
          9694 ACNE
          2137 ACNES
         11111 ACNE
                (ACNE OR ACNES)
L5           1 L3 AND ACNE

=> s l3 and staphylococcus
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             1 STAPHYLOCOCCUSES
         89735 STAPHYLOCOCCUS
                (STAPHYLOCOCCUS OR STAPHYLOCOCCUSES)
L6           3 L3 AND STAPHYLOCOCCUS
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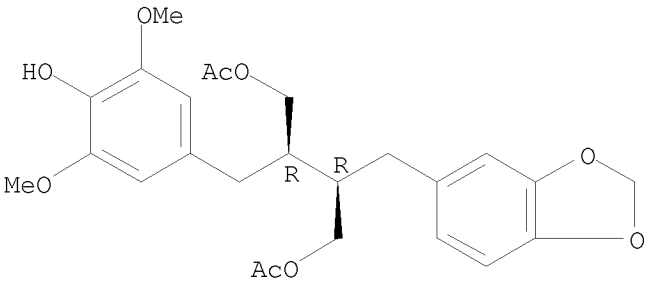
=> d l6 1-3 ibib ab hitstr

L6 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2008:149861 CAPLUS
DOCUMENT NUMBER: 148:466894
TITLE: Antibacterial lignans and triterpenoids from Rostellularia procumbens
AUTHOR(S): Zhang, Yongli; Bao, Fukai; Hu, Juanjuan; Liang, Shengwang; Zhang, Yu; Du, Guanhua; Zhang, Caijun; Cheng, Yongxian
CORPORATE SOURCE: State Key Laboratory of Phytochemistry and Plant Resources in West China, Kunming Institute of Botany, Chinese Academy of Sciences, Kunming, Peop. Rep. China
SOURCE: Planta Medica (2007), 73(15), 1596-1599
CODEN: PLMEAA; ISSN: 0032-0943
PUBLISHER: Georg Thieme Verlag
DOCUMENT TYPE: Journal
LANGUAGE: English
AB One new lignan, rostellulin A (1), four known lignans, justin B (2), justicidin C (3), cilinaphthalide A (4), and justicidin A (5), and four known triterpenoids, ursolic acid (6), euscaphic acid (7), 2α-hydroxyursolic acid (8), and tormentic acid (9), have been isolated from the whole plants of Rostellularia procumbens. Their structures were established on the basis of spectral data, including extensive NMR expts. To our knowledge, compds. 6-9 are known compds. but not previously isolated from R. procumbens; 4 was previously reported from other Rostellularia species. Antibacterial activities of 1-9 were evaluated against eight bacterial strains with the agar dilution method, and they were found to possess antimicrobial activity with MIC values in the range of 1.56-100 μg/mL. None of the lignans exhibited cytotoxic activity against HCT-8 and Bel-7402 cells at concns. up to 5 μg/mL.
IT 202655-27-4P, Justin B
RL: BSU (Biological study, unclassified); NPO (Natural product occurrence); PUR (Purification or recovery); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation)
(isolation and identification of antibacterial lignans and triterpenoids from Rostellularia procumbens)
RN 202655-27-4 CAPLUS
CN 1,4-Butanediol, 2-(1,3-benzodioxol-5-ylmethyl)-3-[(4-hydroxy-3,5-dimethoxyphenyl)methyl]-, 1,4-diacetate, (2R,3R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)
REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2010 ACS on STN

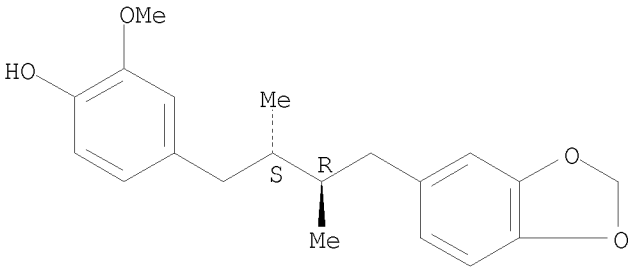
ACCESSION NUMBER: 2006:398671 CAPLUS
DOCUMENT NUMBER: 146:4016
TITLE: Anticariogenic activity of macelignan isolated from Myristica fragrans (nutmeg) against Streptococcus mutans
AUTHOR(S): Chung, J. Y.; Choo, J. H.; Lee, M. H.; Hwang, J. K.
CORPORATE SOURCE: Department of Biomaterials Science and Engineering, Yonsei University, Seoul, S. Korea
SOURCE: Phytomedicine (2006), 13(4), 261-266
CODEN: PYTOEY; ISSN: 0944-7113
PUBLISHER: Elsevier GmbH
DOCUMENT TYPE: Journal
LANGUAGE: English

AB The occurrence of dental caries is mainly associated with oral pathogens, especially cariogenic Streptococcus mutans. Preliminary antibacterial screening revealed that the extract of Myristica fragrans, widely cultivated for the spice and flavor of foods, possessed strong inhibitory activity against S. mutans. The anticariogenic compound was successfully isolated from the methanol extract of M. fragrans by repeated silica gel chromatog., and its structure was identified as macelignan by instrumental anal. using 1D-NMR, 2D-NMR and EI-MS. The min. inhibitory concentration (MIC) of macelignan against S. mutans was 3.9 μg/mL, which was much lower than those of other natural anticariogenic agents such as 15.6 μg/mL of sanguinarine, 250 μg/mL of eucalyptol, 500 μg/mL of menthol and thymol, and 1000 μg/mL of Me salicylate. Macelignan also possessed preferential activity against other oral microorganisms such as Streptococcus sobrinus, Streptococcus salivarius, Streptococcus sanguis, Lactobacillus acidophilus and Lactobacillus casei in the MIC range of 2-31.3 μg/mL. In particular, the bactericidal test showed that macelignan, at a concentration of 20 μg/mL, completely inactivated S. mutans in 1 min. The specific activity and fast-effectiveness of macelignan against oral bacteria strongly suggest that it could be employed as a natural antibacterial agent in functional foods or oral care products.

IT 107534-93-0, Macelignan
RL: BSU (Biological study, unclassified); NPO (Natural product occurrence); THU (Therapeutic use); BIOL (Biological study); OCCU (Occurrence); USES (Uses)
(anticariogenic activity of macelignan isolated from Myristica fragrans (nutmeg) against Streptococcus mutans)

RN 107534-93-0 CAPLUS
CN Phenol, 4-[(2S,3R)-4-(1,3-benzodioxol-5-yl)-2,3-dimethylbutyl]-2-methoxy- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



OS.CITING REF COUNT: 19 THERE ARE 19 CAPLUS RECORDS THAT CITE THIS RECORD (19 CITINGS)

REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2005:696726 CAPLUS
DOCUMENT NUMBER: 143:159638
TITLE: Method and composition for treating acne using lignan compounds
INVENTOR(S): Hwang, Jae-Kwan; Chung, Jae-Youn; Chung, Hee-Chul; Park, Kyung-Min
PATENT ASSIGNEE(S): Newtree Industry Co., Ltd., S. Korea
SOURCE: PCT Int. Appl., 33 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005070402	A1	20050804	WO 2005-KR45	20050107
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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US 20090192217	A1	20090730	US 2006-585553	20060706
CN 101410100	A	20090415	CN 2005-80002069	20060707
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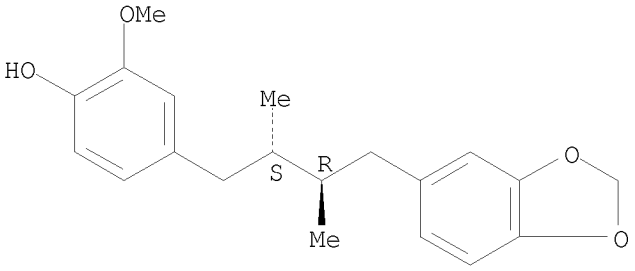
			WO 2005-KR45 W	20050107

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 143:159638
AB The present invention relates to a method and composition for treating acne using lignan compds. represented by Formula 1. More particularly, the invention relates to an antibacterial composition against acne-causing bacteria, containing lignan compds., as well as a method for treating acne using the same. The lignan compds. of the invention are excellent not only in the antibacterial activity of inhibiting the growth of acne-causing bacteria, but also in thermal stability. Accordingly, the lignan compds. may be useful as antibacterial agents against the acne-causing bacteria, and acne treatment agents.
IT 107534-93-0, Macelignan
RL: COS (Cosmetic use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(treating acne using lignan compds.)
RN 107534-93-0 CAPLUS
CN Phenol, 4-[(2S,3R)-4-(1,3-benzodioxol-5-yl)-2,3-dimethylbutyl]-2-methoxy- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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=> s macelignan
            32 MACELIGNAN
             1 MACELIGNANS
L7          33 MACELIGNAN
                (MACELIGNAN OR MACELIGNANS)

=> s l7 and acne
          9694 ACNE
          2137 ACNES
         11111 ACNE
                (ACNE OR ACNES)
L8           1 L7 AND ACNE

=> d l8

L8   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2010 ACS on STN
AN   2005:696726  CAPLUS
DN   143:159638
TI   Method and composition for treating acne using lignan compounds
IN   Hwang, Jae-Kwan; Chung, Jae-Youn; Chung, Hee-Chul; Park, Kyung-Min
PA   Newtree Industry Co., Ltd., S. Korea
SO   PCT Int. Appl., 33 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.          KIND   DATE        APPLICATION NO.         DATE
     ---------------     ----   --------    --------------------    --------
PI   WO 2005070402        A1    20050804    WO 2005-KR45            20050107
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
             CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
             GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK,
             LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO,
             NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ,
             TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
         RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
             AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
             EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
             RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
             MR, NE, SN, TD, TG
     KR 2005073027        A     20050713    KR 2004-1207            20040108
     JP 2007524666        T     20070830    JP 2006-549118          20050107
     US 20090192217       A1    20090730    US 2006-585553          20060706
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     CN 101410100          A     20090415    CN 2005-80002069       20060707
PRAI KR 2004-1207          A     20040108
     WO 2005-KR45          W     20050107
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OS   MARPAT 143:159638
OSC.G   1     THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
RE.CNT  4     THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT


=> s l7 and bacteria
        389789 BACTERIA
           165 BACTERIAS
        389880 BACTERIA
                  (BACTERIA OR BACTERIAS)
L9            3 L7 AND BACTERIA

=> d l9

L9   ANSWER 1 OF 3  CAPLUS  COPYRIGHT 2010 ACS on STN
AN   2008:477075  CAPLUS
DN   149:99230
TI   In vitro anti-biofilm activity of macelignan isolated from
     Myristica fragrans Houtt. against oral primary colonizer bacteria
AU   Yanti; Rukayadi, Yaya; Kim, Kyu-Hoi; Hwang, Jae-Kwan
CS   Department of Biotechnology, Yonsei University, Seoul, 120-749, S. Korea
SO   Phytotherapy Research (2008), 22(3), 308-312
     CODEN: PHYREH; ISSN: 0951-418X
PB   John Wiley & Sons Ltd.
DT   Journal
LA   English
OSC.G   2     THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
RE.CNT  20    THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT


=> d his

     (FILE 'HOME' ENTERED AT 15:24:24 ON 13 MAY 2010)

     FILE 'REGISTRY' ENTERED AT 15:27:49 ON 13 MAY 2010
L1               STRUCTURE UPLOADED
L2            24 S L1 SSS FULL

     FILE 'CAPLUS' ENTERED AT 15:28:21 ON 13 MAY 2010
L3            84 S L2
L4             5 S L3 AND ANTIBACTERIAL
L5             1 S L3 AND ACNE
L6             3 S L3 AND STAPHYLOCOCCUS
L7            33 S MACELIGNAN
L8             1 S L7 AND ACNE
L9             3 S L7 AND BACTERIA
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